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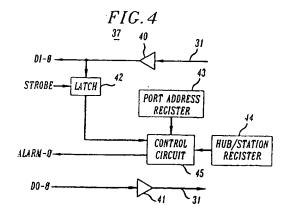
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Intrusion detection apparatus for local area network.

57 Intrusion detection is afforded for local area networks by including one or more intelligent hub units connected to the stations in the network. The intelligent hub unit maintains a list of codes identifying those stations and units connected locally to ports of the intelligent hub unit. When a station initiates a message on the network, a source identifier code unique to the sending station is incorporated in the message as specified by the standard access protocol. At the intelligent hub unit, the source identifier code is recovered from the received message and the port at which the message was received is id ntified. The received source identifier code is compared with the particular entry in the stored list of codes corresponding to the identified port. If the comparisons fail to generate a matching condition between the source identifier and the particular entry

in the list of codes, then the intelligent hub unit generates an alarm indicative of an intrusion on the network.



EUROPEAN SEARCH REPORT

A	PATENT ABSTRAUNExamined are field, vol. December 21, THE PATENT OF GOVERNMENT page 121 E 69 & JP-A-63-204 TATEISI ELECT	CTS OF JAPAN, pplications, 12, no. 489, 1988 FICE JAPANESE 6; 839 (OMRON	Relevant to ctains	H 04 L 12/28 H 04 L 9/32
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D, A	US - A - 4 67 (ARANGUREN et * Column 4 column 9	4 085 al.) , line 34 - , line 8; figs. 1-	1,4	
A	page 6,	PEMENT ; page 1, line 1 - line 25; page 7, - page 9, line 26;	1.4	TECHNICAL FIELDS SEARCHED (Int. CL5) H 04 L H 04 J
π	be present search report has			'
Place of search VIENNA		Date of completion of the search 27-07-1994	1	Examiner HAJOS

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